

FIG.1

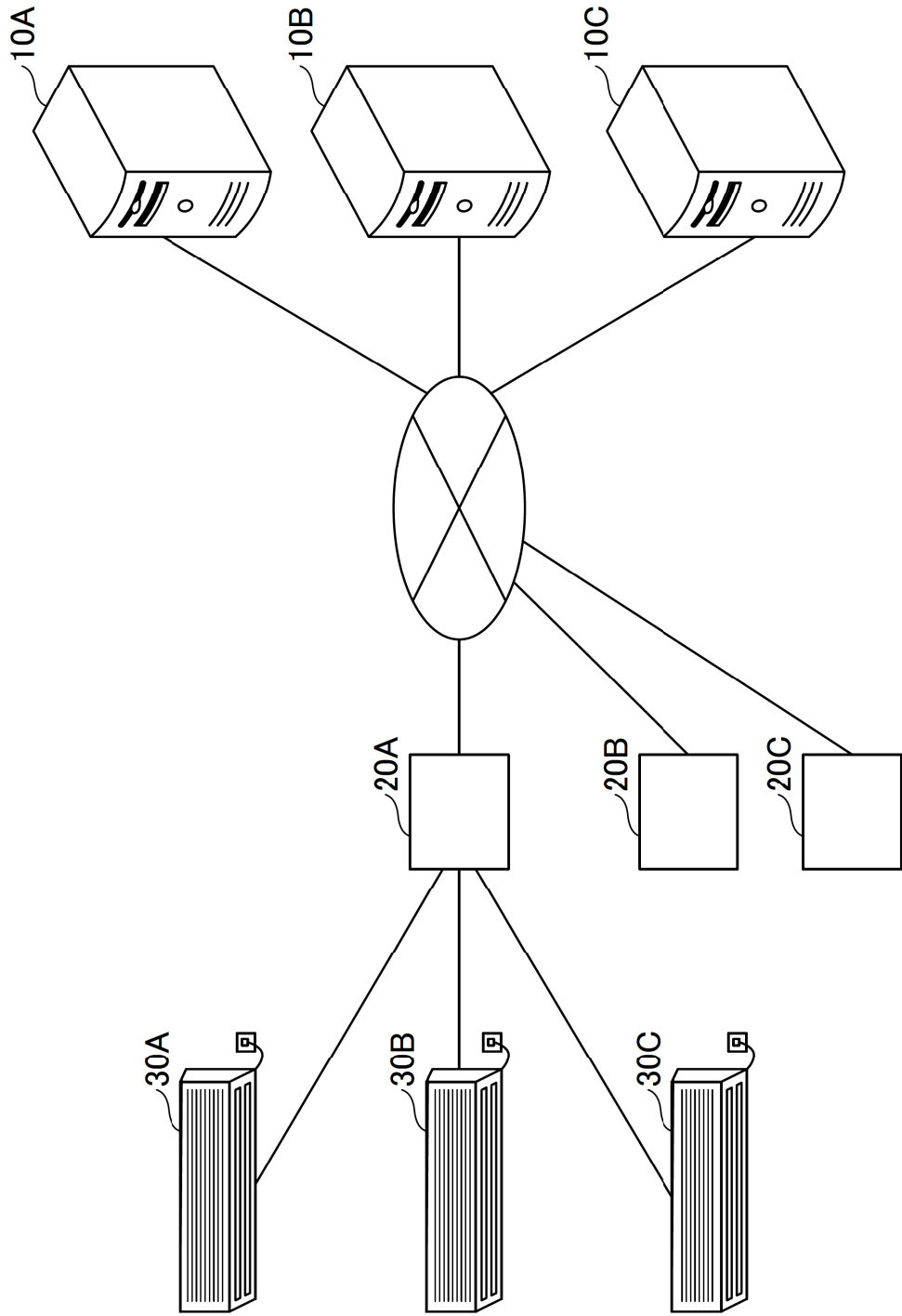


FIG.2

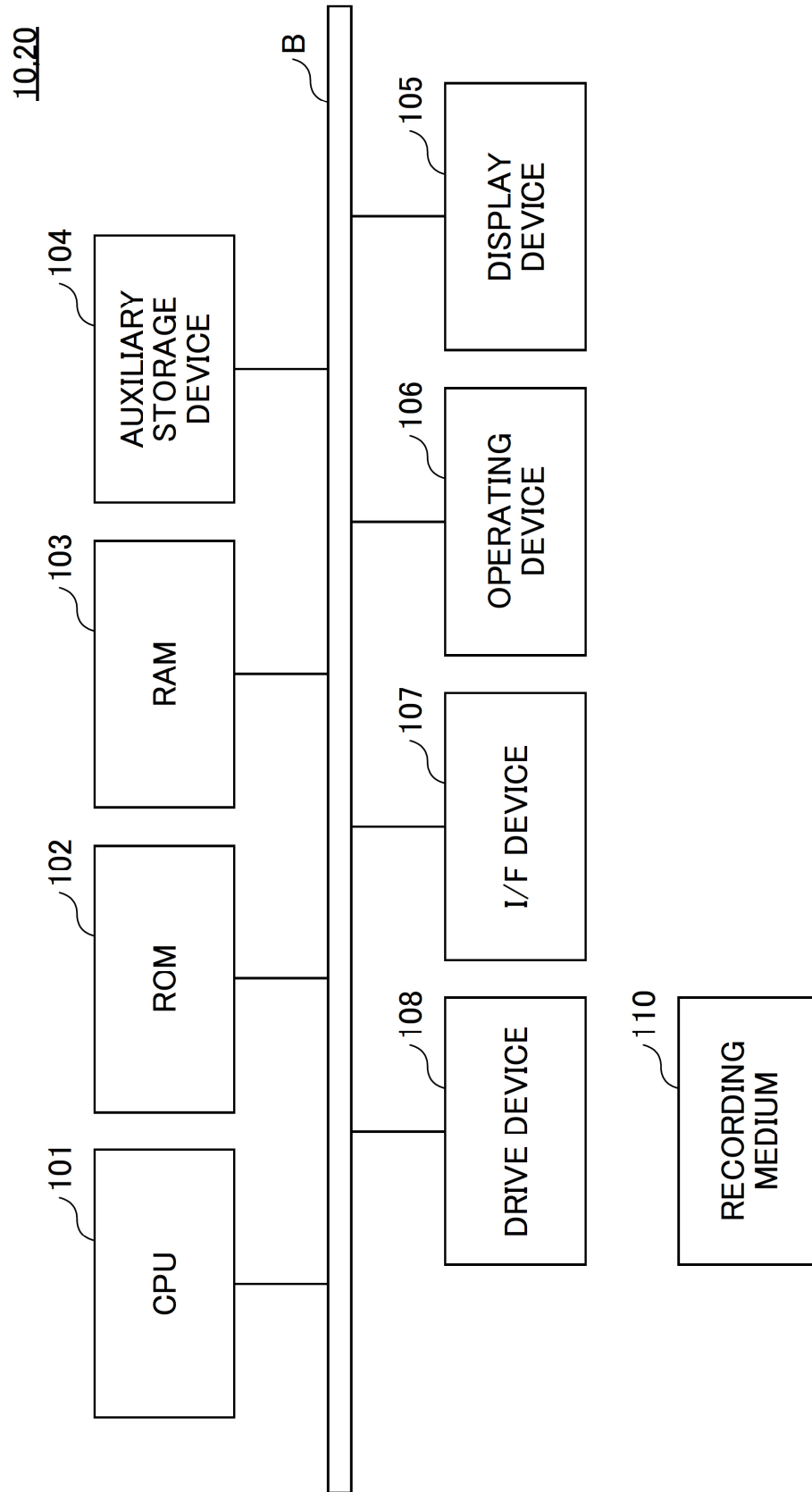


FIG.3

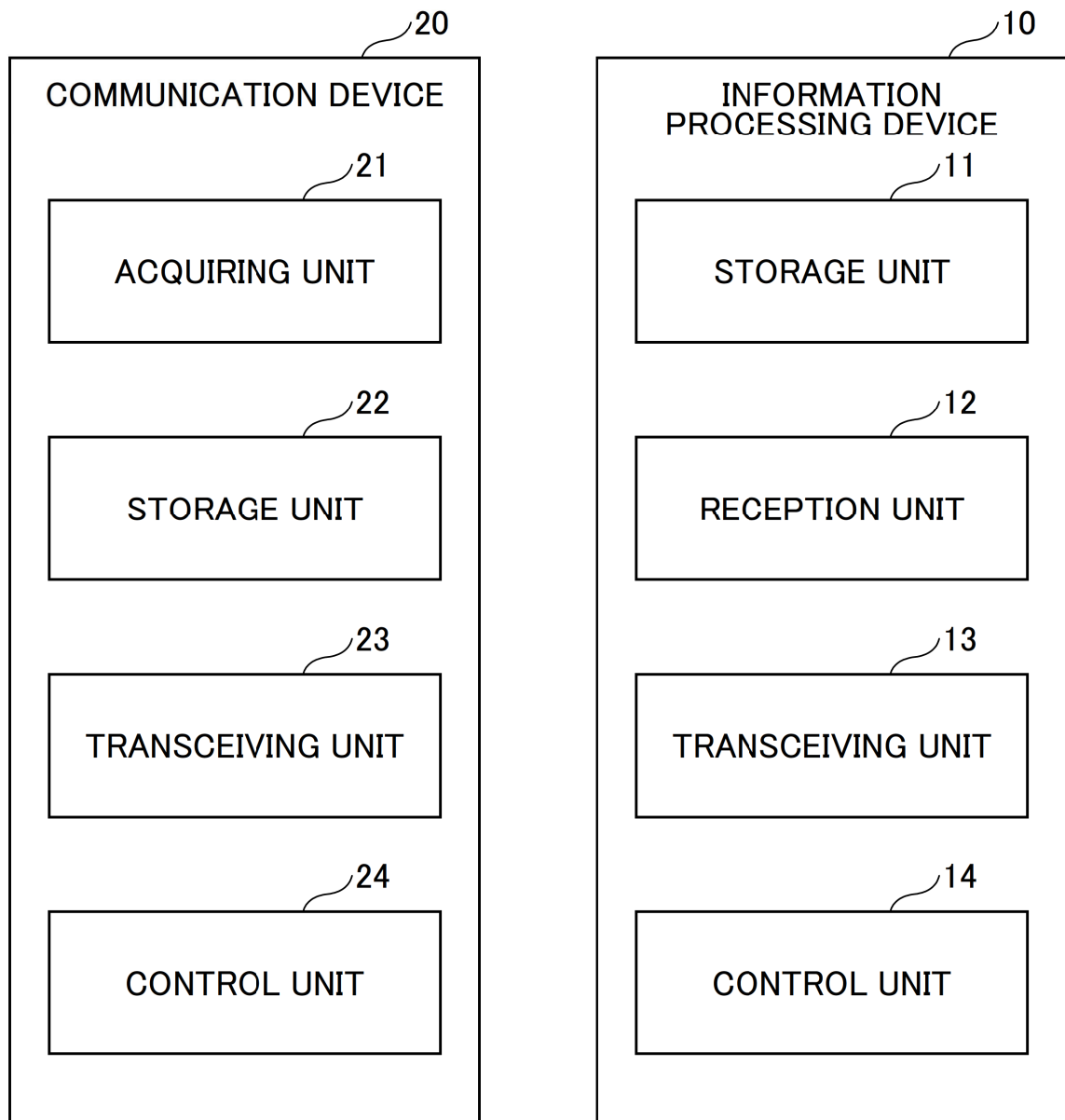


FIG.4

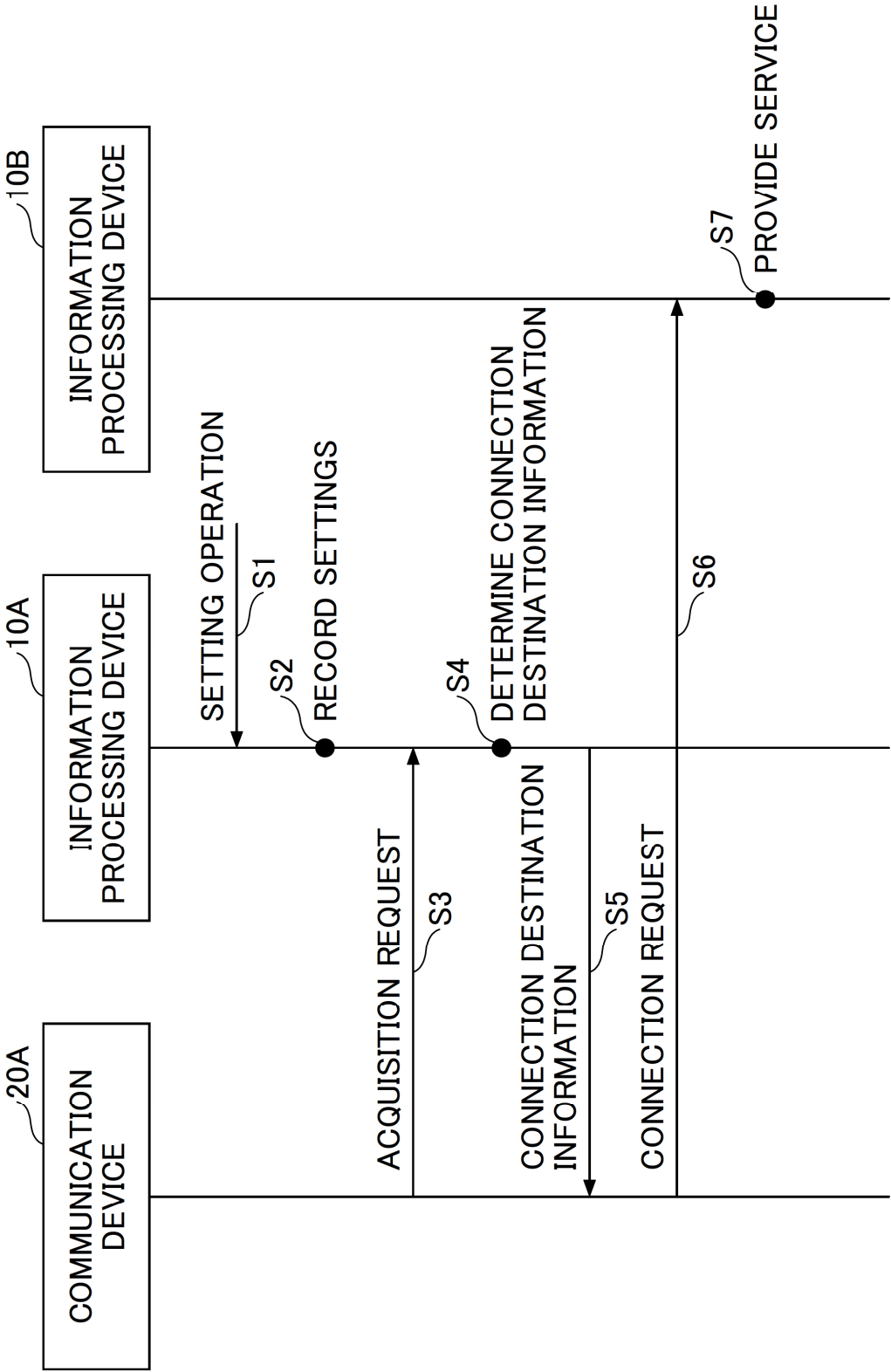


FIG.5

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EDGE ID	TYPE	CONNECTION DESTINATION INFORMATION	AUTHENTICATION STATUS	COMMUNICATION DEVICE ID
EDGE A	TYPE A	CONNECTION DESTINATION INFORMATION A	AUTHENTICATION STATUS A	COMMUNICATION DEVICE A
EDGE B	TYPE B	CONNECTION DESTINATION INFORMATION B	AUTHENTICATION STATUS B	-
...	...	...	...	...

FIG.6A

SERVICE MENU	CONNECTION DESTINATION SERVICE	PROTOCOL	FILE FORMAT	CONNECTION DESTINATION ADDRESS
REMOTE MONITORING	CONNECTION DESTINATION SERVICE A	https	FILE FORMAT A	CONNECTION DESTINATION ADDRESS A
REMOTE CONTROL	CONNECTION DESTINATION SERVICE B	MQTT over WebSoocket	FILE FORMAT A	CONNECTION DESTINATION ADDRESS B
ANOMALY DETECTION	CONNECTION DESTINATION SERVICE A	https	FILE FORMAT A	CONNECTION DESTINATION ADDRESS C
SCHEDULE CONTROL	CONNECTION DESTINATION SERVICE C	https	FILE FORMAT A	CONNECTION DESTINATION ADDRESS D
INTERLOCKING CONTROL	CONNECTION DESTINATION SERVICE C	https	FILE FORMAT A	CONNECTION DESTINATION ADDRESS E
DEMAND RESPONSE	CONNECTION DESTINATION SERVICE C	https	FILE FORMAT A	CONNECTION DESTINATION ADDRESS F
FAILURE PREDICTION	CONNECTION DESTINATION SERVICE D	https	FILE FORMAT A	CONNECTION DESTINATION ADDRESS G

FIG.6B

SERVICE MENU	CONNECTION DESTINATION SERVICE	PROTOCOL	FILE FORMAT	CONNECTION DESTINATION ADDRESS
REMOTE MONITORING	CONNECTION DESTINATION SERVICE X	MQTT	FILE FORMAT B	CONNECTION DESTINATION ADDRESS X
REMOTE CONTROL	CONNECTION DESTINATION SERVICE X	MQTT	FILE FORMAT B	CONNECTION DESTINATION ADDRESS Y
ANOMALY DETECTION	CONNECTION DESTINATION SERVICE X	MQTT	FILE FORMAT B	CONNECTION DESTINATION ADDRESS Z